



## Case: **Stora Enso**



### **Detecting bottlenecks and capacity calculations at Stora Enso sheeting plant.**

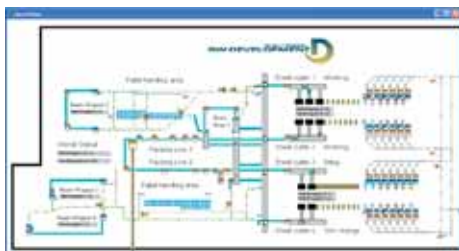
Stora Enso made a strategic study in one of their fine paper sheeting plants. Purpose of the study was to gather information and find effective working methods for future development activities in production.

The process consists of roll and pallet handling, sheet cutting, ream wrapping and packing. Internal reel and pallet transportations are handled by AGV:s and several types of conveyor and elevator solutions.

SW-Development took part in the study by testing functionality of alternative layouts and product handling principles. Dynamic simulation was used for bottleneck detection and capacity calculations. Simulation also revealed the benefits of new working principles.

Production manager of the sheeting plant said: "SW-Development's simulation study gave answers to important questions concerning production efficiency and development activities in our sheeting plant. Simulation proved to be a powerful tool for analyzing different types of future scenarios."

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#### **Stora Enso**

Stora Enso's sales totalled EUR 13.2 billion in 2005. The Group has some 46 000 employees in more than 40 countries on five continents. Stora Enso has an annual production capacity of 16.9 million tonnes of paper and board and 7.7 million cubic metres of sawn wood products, including 3.3 million cubic metres of value-added products. Stora Enso's shares are listed in Helsinki, Stockholm, and New York. (www.storaenso.com)